

Trying 3106016892...Open

Welcome to STN International! Enter x:x

LOGINID:sssptal617mxh

PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

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NEWS 2 Dec 17 The CA Lexicon available in the CAPLUS and CA files  
NEWS 3 Feb 06 Engineering Information Encompass files have new names  
NEWS 4 Feb 16 TOXLINE no longer being updated  
NEWS 5 Apr 23 Search Derwent WPINDEX by chemical structure  
NEWS 6 Apr 23 PRE-1967 REFERENCES NOW SEARCHABLE IN CAPLUS AND CA  
NEWS 7 May 07 DGENE Reload  
NEWS 8 Jun 20 Published patent applications (A1) are now in USPATFULL  
NEWS 9 JUL 13 New SDI alert frequency now available in Derwent's  
DWPI and DPCI

NEWS EXPRESS July 11 CURRENT WINDOWS VERSION IS V6.0b,  
CURRENT MACINTOSH VERSION IS V5.0C (ENG) AND V5.0JB (JP),  
AND CURRENT DISCOVER FILE IS DATED 06 APRIL 2001  
NEWS HOURS STN Operating Hours Plus Help Desk Availability  
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NEWS PHONE Direct Dial and Telecommunication Network Access to STN  
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FILE 'HOME' ENTERED AT 10:16:37 ON 10 AUG 2001

=> s vardenafil

THIS COMMAND NOT AVAILABLE IN THE CURRENT FILE

Some commands only work in certain files. For example, the EXPAND command can only be used to look at the index in a file which has an index. Enter "HELP COMMANDS" at an arrow prompt (=>) for a list of commands which can be used in this file.

=> file registry

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

0.60

0.60

FILE 'REGISTRY' ENTERED AT 10:18:50 ON 10 AUG 2001  
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STRUCTURE FILE UPDATES: 9 AUG 2001 HIGHEST RN 350981-09-8  
DICTIONARY FILE UPDATES: 9 AUG 2001 HIGHEST RN 350981-09-8

TSCA INFORMATION NOW CURRENT THROUGH January 11, 2001

Please note that search-term pricing does apply when  
conducting SmartSELECT searches.

Structure search limits have been increased. See HELP SLIMIT  
for details.

=> s vardenafil

L1 1 VARDENAFIL

=> d

L1 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2001 ACS  
RN 224785-90-4 REGISTRY  
CN Piperazine, 1-[[3-(1,4-dihydro-5-methyl-4-oxo-7-propylimidazo[5,1-f][1,2,4]triazin-2-yl)-4-ethoxyphenyl]sulfonyl]-4-ethyl- (9CI) (CA INDEX NAME)

OTHER NAMES:

CN **Vardenafil**

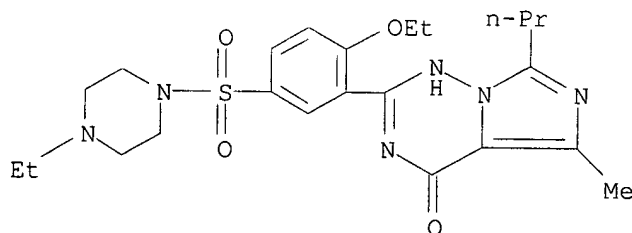
FS 3D CONCORD

MF C23 H32 N6 O4 S

CI COM

SR CA

LC STN Files: ADISINSIGHT, BIOSIS, CA, CAPLUS, DRUGPAT, DRUGUPDATES,  
MEDLINE, SYNTHLINE, TOXLIT



3 REFERENCES IN FILE CA (1967 TO DATE)  
1 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA  
3 REFERENCES IN FILE CAPLUS (1967 TO DATE)

=> fil medl capl embas biosi

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

5.61

6.21

FILE 'MEDLINE' ENTERED AT 10:19:37 ON 10 AUG 2001

FILE 'CAPLUS' ENTERED AT 10:19:37 ON 10 AUG 2001

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FILE 'BIOSIS' ENTERED AT 10:19:37 ON 10 AUG 2001  
COPYRIGHT (C) 2001 BIOSIS(R)

=> s l1 or vardenafil

L2 25 L1 OR VARDENAFIL

=> s l2 and py<1999

2 FILES SEARCHED...

L3 0 L2 AND PY<1999

=> s l2 not py>2000

L4 3 L2 NOT PY>2000

=> d l4

L4 ANSWER 1 OF 3 MEDLINE  
AN 2001286250 MEDLINE  
DN 21148958 PubMed ID: 11253255  
TI Sexual pharmacology in the 21st century.  
AU Rosen R C  
CS Department of Psychiatry, Center for Sexual and Marital Health,  
UMDNJ-Robert Wood Johnson Medical School, New Brunswick, NJ, USA.  
SO J Gend Specif Med, (2000 Jul-Aug) 3 (5) 45-52.  
Journal code: DOB; 100887298. ISSN: 1523-7036.  
CY United States  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
EM 200105  
ED Entered STN: 20010529  
Last Updated on STN: 20010529  
Entered Medline: 20010524

=> d 2-3

L4 ANSWER 2 OF 3 CAPLUS COPYRIGHT 2001 ACS  
AN 1999:325936 CAPLUS  
DN 130:352283  
TI Preparation of 2-phenylimidazotriazinones as phosphodiesterase  
inhibitors.  
IN Niewohner, Ulrich; Es-Sayed, Mazen; Haning, Helmut; Schenke, Thomas;  
Schlemmer, Karl-Heinz; Keldenich, Jorg; Bischoff, Erwin; Perzborn,  
Elisabeth; Dembowsky, Klaus; Serno, Peter; Nowakowski, Marc  
PA Bayer Aktiengesellschaft, Germany  
SO PCT Int. Appl., 329 pp.  
CODEN: PIXXD2  
DT Patent  
LA German  
FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9924433	A1	19990520	WO 1998-EP6910	19981031
W:	AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR,			

TT, UA, UG, US, UZ, VN, YU, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ,  
TM  
RW: GH, GM, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES,  
FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI,  
CM, GA, GN, GW, ML, MR, NE, SN, TD, TG  
DE 19750085 A1 19990520 DE 1997-19750085 19971112  
DE 19812462 A1 19990930 DE 1998-19812462 19980323  
DE 19840289 A1 20000309 DE 1998-19840289 19980904  
AU 9915587 A1 19990531 AU 1999-15587 19981031  
GB 2346877 A1 20000823 GB 2000-20001097419981031  
BR 9812785 A 20001010 BR 1998-12785 19981031  
EP 1049695 A1 20001108 EP 1998-959821 19981031  
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,  
IE, SI, LT, LV, FI, RO  
ZA 9810297 A 19990520 ZA 1998-10297 19981111  
FI 2000001086 A 20000509 FI 2000-1086 20000509  
NO 2000002444 A 20000511 NO 2000-2444 20000511  
SE 2000001745 A 20000511 SE 2000-1745 20000511  
PRAI DE 1997-19750085 A 19971112  
DE 1998-19812462 A 19980323  
DE 1998-19840289 A 19980904  
WO 1998-EP6910 W 19981031  
OS MARPAT 130:352283  
RE.CNT 13  
RE  
(1) Allen & Hanburys Ltd; DE 2255172 A 1973 CAPLUS  
(2) Allen & Hanburys Ltd; DE 2364076 A 1974 CAPLUS  
(3) Allen & Hanburys Ltd; DE 2811780 A 1978 CAPLUS  
(4) Bell, A; WO 9405661 A 1994 CAPLUS  
(5) Campbell, S; WO 9616657 A 1996 CAPLUS  
ALL CITATIONS AVAILABLE IN THE RE FORMAT  
L4 ANSWER 3 OF 3 EMBASE COPYRIGHT 2001 ELSEVIER SCI. B.V.  
AN 2000429293 EMBASE  
TI [Erectile disorders: An update on new therapeutic possibilities].  
TROUBLES ERECTILES: LE POINT SUR LES NOUVELLES POSSIBILITES  
THERAPEUTIQUES.  
AU Roumeguere T.  
CS T. Roumeguere, Service d'Urologie, HU Erasme, ULB, Bruxelles, Belgium  
SO Acta Urologica Belgica, (2000) 68/2 (41-42).  
ISSN: 0001-7183 CODEN: AUBEAN  
CY Belgium  
DT Journal; (Short Survey)  
FS 028 Urology and Nephrology  
030 Pharmacology  
037 Drug Literature Index  
LA French

=> s 122 and 123

L24 3174 L22 AND L23

=> s 124 and indole

198946 INDOLE  
L25 499 L24 AND INDOLE

=> s 125 and dione

612754 DIONE  
1 DIONES  
612754 DIONE  
(DIONE OR DIONES)  
L26 281 L25 AND DIONE

=> s 126 and methylenedioxyphenyl

965 METHYLENEDIOXYPHENYL  
L27 0 L26 AND METHYLENEDIOXYPHENYL

=> s 126 and methylene

841307 METHYLENE  
3 METHYLENES  
841307 METHYLENE  
(METHYLENE OR METHYLENES)  
L28 1 L26 AND METHYLENE

=> d 128

L28 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2001 ACS  
RN 204398-92-5 REGISTRY  
CN 1H-Pyrrolo[1'',2'':4',5']pyrazino[1',2':1,5]pyrrolo[2,3-b]indole-  
5,13(5aH,13aH)-dione, 6a-[(decahydro-5,5,8a-trimethyl-2-methylene-1-  
naphthalenyl)methyl]-2,3,6,6a,11,11a-hexahydro-, [5aS-  
[5a.alpha.,6a.beta.(1R\*,4aR\*,8aR\*),11a.beta.,13a.alpha.]]- (9CI) (CA  
INDEX NAME)

OTHER NAMES:

CN Drimentine C  
FS STEREOSEARCH  
MF C31 H41 N3 O2  
SR CA  
LC STN Files: CA, CAPLUS

Absolute stereochemistry. Rotation (-).

\* \* \* \* \* STN Columbus \* \* \* \* \*

FILE 'HOME' ENTERED AT 10:16:37 ON 10 AUG 2001

=> s vardenafil

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command can only be used to look at the index in a file which has an  
index. Enter "HELP COMMANDS" at an arrow prompt (=>) for a list of  
commands which can be used in this file.

=> file registry

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	0.60	0.60

FILE 'REGISTRY' ENTERED AT 10:18:50 ON 10 AUG 2001  
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.  
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DICTIONARY FILE UPDATES: 9 AUG 2001 HIGHEST RN 350981-09-8

TSCA INFORMATION NOW CURRENT THROUGH January 11, 2001

Please note that search-term pricing does apply when  
conducting SmartSELECT searches.

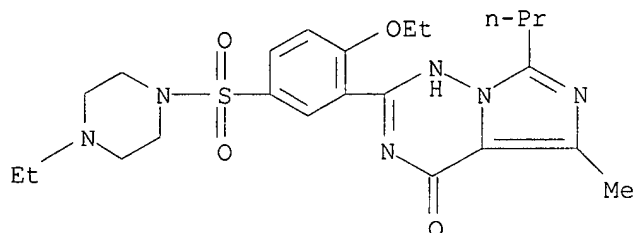
Structure search limits have been increased. See HELP SLIMIT  
for details.

=> s vardenafil

L1 1 VARDENAFIL

=> d

L1 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2001 ACS  
RN 224785-90-4 REGISTRY  
CN Piperazine, 1-[[3-(1,4-dihydro-5-methyl-4-oxo-7-propylimidazo[5,1-f][1,2,4]triazin-2-yl)-4-ethoxyphenyl]sulfonyl]-4-ethyl- (9CI) (CA INDEX NAME)  
OTHER NAMES:  
CN **Vardenafil**  
FS 3D CONCORD  
MF C23 H32 N6 O4 S  
CI COM  
SR CA  
LC STN Files: ADISINSIGHT, BIOSIS, CA, CAPLUS, DRUGPAT, DRUGUPDATES, MEDLINE, SYNTHLINE, TOXLIT



3 REFERENCES IN FILE CA (1967 TO DATE)  
 1 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA  
 3 REFERENCES IN FILE CAPLUS (1967 TO DATE)

=> fil medl capl embas biosi

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	5.61	6.21

FILE 'MEDLINE' ENTERED AT 10:19:37 ON 10 AUG 2001

FILE 'CAPLUS' ENTERED AT 10:19:37 ON 10 AUG 2001  
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FILE 'BIOSIS' ENTERED AT 10:19:37 ON 10 AUG 2001  
 COPYRIGHT (C) 2001 BIOSIS(R)

=> s l1 or vardenafil

L2 25 L1 OR VARDENAFIL

=> s l2 and py<1999

2 FILES SEARCHED...

L3 0 L2 AND PY<1999

=> s l2 not py>2000

L4 3 L2 NOT PY>2000

=> d 14

L4 ANSWER 1 OF 3 MEDLINE  
 AN 2001286250 MEDLINE  
 DN 21148958 PubMed ID: 11253255  
 TI Sexual pharmacology in the 21st century.  
 AU Rosen R C  
 CS Department of Psychiatry, Center for Sexual and Marital Health,  
 UMDNJ-Robert Wood Johnson Medical School, New Brunswick, NJ, USA.  
 SO J Gend Specif Med, (2000 Jul-Aug) 3 (5) 45-52.  
 Journal code: DOB; 100887298. ISSN: 1523-7036.

CY United States  
 DT Journal; Article; (JOURNAL ARTICLE)  
 LA English  
 FS Priority Journals  
 EM 200105  
 ED Entered STN: 20010529  
 Last Updated on STN: 20010529  
 Entered Medline: 20010524

=> d 2-3

L4 ANSWER 2 OF 3 CAPLUS COPYRIGHT 2001 ACS

AN 1999:325936 CAPLUS

DN 130:352283

TI Preparation of 2-phenylimidazotriazinones as phosphodiesterase inhibitors.

IN Niewohner, Ulrich; Es-Sayed, Mazen; Haning, Helmut; Schenke, Thomas; Schlemmer, Karl-Heinz; Keldenich, Jorg; Bischoff, Erwin; Perzborn, Elisabeth; Dembowsky, Klaus; Serno, Peter; Nowakowski, Marc

PA Bayer Aktiengesellschaft, Germany

SO PCT Int. Appl., 329 pp.

CODEN: PIXXD2

DT Patent

LA German

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9924433	A1	19990520	WO 1998-EP6910	19981031
	W:				
	AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ,				
TM					
	RW:				
	GH, GM, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
	DE 19750085	A1	19990520	DE 1997-19750085	19971112
	DE 19812462	A1	19990930	DE 1998-19812462	19980323
	DE 19840289	A1	20000309	DE 1998-19840289	19980904
	AU 9915587	A1	19990531	AU 1999-15587	19981031
	GB 2346877	A1	20000823	GB 2000-200010974	19981031
	BR 9812785	A	20001010	BR 1998-12785	19981031
	EP 1049695	A1	20001108	EP 1998-959821	19981031
	R:				
	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
	ZA 9810297	A	19990520	ZA 1998-10297	19981111
	FI 2000001086	A	20000509	FI 2000-1086	20000509
	NO 2000002444	A	20000511	NO 2000-2444	20000511
	SE 2000001745	A	20000511	SE 2000-1745	20000511
PRAI	DE 1997-19750085	A	19971112		
	DE 1998-19812462	A	19980323		
	DE 1998-19840289	A	19980904		
	WO 1998-EP6910	W	19981031		

OS MARPAT 130:352283

RE.CNT 13

RE

(1) Allen & Hanburys Ltd; DE 2255172 A 1973 CAPLUS

(2) Allen & Hanburys Ltd; DE 2364076 A 1974 CAPLUS



(3) Allen & Hanburys Ltd; DE 2811780 A 1978 CAPLUS  
 (4) Bell, A; WO 9405661 A 1994 CAPLUS  
 (5) Campbell, S; WO 9616657 A 1996 CAPLUS  
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L4 ANSWER 3 OF 3 EMBASE COPYRIGHT 2001 ELSEVIER SCI. B.V.  
 AN 2000429293 EMBASE  
 TI [Erectile disorders: An update on new therapeutic possibilities].  
 TROUBLES ERECTILES: LE POINT SUR LES NOUVELLES POSSIBILITES  
 THERAPEUTIQUES.  
 AU Roumeguere T.  
 CS T. Roumeguere, Service d'Urologie, HU Erasme, ULB, Bruxelles, Belgium  
 SO Acta Urologica Belgica, (2000) 68/2 (41-42).  
 ISSN: 0001-7183 CODEN: AUBEAN  
 CY Belgium  
 DT Journal; (Short Survey)  
 FS 028 Urology and Nephrology  
 030 Pharmacology  
 037 Drug Literature Index  
 LA French

=> d 1-3 kwic

L4 ANSWER 1 OF 3 MEDLINE  
 AB . . . including centrally active dopamine agonists (e.g., sublingual  
 apomorphine), peripheral nonselective alpha-blockers (e.g., oral  
 phentolamine), and other phosphodiesterase type-5 inhibitors (e.g.,  
**vardenafil**). These drugs have recently been evaluated for the  
 treatment of female sexual arousal disorder, although results to date  
 have  
 been. . .

L4 ANSWER 2 OF 3 CAPLUS COPYRIGHT 2001 ACS  
 IT 224785-72-2P 224785-73-3P 224785-74-4P 224785-75-5P 224785-76-6P  
 224785-77-7P 224785-78-8P 224785-79-9P 224785-80-2P 224785-81-3P  
 224785-82-4P 224785-83-5P 224785-84-6P 224785-85-7P 224785-86-8P  
 224785-87-9P 224785-88-0P 224785-89-1P **224785-90-4P**  
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 224786-96-3P 224786-98-5P 224786-99-6P 224787-00-2P 224787-01-3P

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224787-12-6P	224787-13-7P	224787-14-8P	224787-15-9P	224787-16-0P
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224788-06-1P	224788-07-2P	224788-08-3P	224788-09-4P	224788-10-7P
224788-11-8P				

RL: BAC (Biological activity or effector, except adverse); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(prepn. of 2-phenylimidazotriazinones as phosphodiesterase inhibitors)

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CT Medical Descriptors:

\*erectile . . .  
 PO, oral drug administration  
 nitric oxide  
 apomorphine: DT, drug therapy  
 apomorphine: PD, pharmacology  
 endothelium derived relaxing factor  
 phosphodiesterase inhibitor: DT, drug therapy  
 ic 351: DT, drug therapy  
**vardenafil: DT, drug therapy**  
 unclassified drug  
 bay 38 9456  
 uprima  
 ixens

=> d 2 ab

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AB Title compds. [I; R1 = H, alkyl; R2 = alkyl; R3, R4 = H, alkenyl, alkoxy, (substituted) (O-interrupted) alkyl, amino, adamantyl, cycloalkyl, etc.; NR3R4 = 5-7 membered (benzo-fused) (unsatd.) heterocyclyl, etc.; R5, R6 = H, alkyl, OH, alkoxy], were prepd. as cGMP-metabolizing phosphodiesterases

for treating cardiovascular and cerebrovascular diseases and/or diseases of the urogenital system, esp. for treating erectile dysfunction. Thus, 4-ethoxy-3-(5,7-dimethyl-4-oxo-3,4-dihydroimidazo[5,1-f][1,2,4]triazin-2-yl)benzenesulfonyl chloride (prepn. given) in CH<sub>2</sub>Cl<sub>2</sub> was treated with

DMAP and N-methylpiperazine at 0.degree. followed by stirring overnight to give

34.5% 2-[2-ethoxy-5-(4-methylpiperazin-1-ylsulfonyl)phenyl]-5,7-dimethyl-

3H-imidazo[5,1-f][1,2,4]triazin-4-one. I inhibited phosphodiesterase V  
with IC50 = 1-10 nM.

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